SEQUENCE LISTING

<110> PERUSSE, Louis
       BOUCHARD, Luigi
       UNIVERSITE LAVAL

<120> OBESITY MARKERS AND USES THEREOF

<130> 6013-138PCT

<150> 60/490,535
<151> 2003-07-29

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 654
<212> DNA
<213> Artificial Sequence

<220>
<221> gene
<222> (1)...(654)
<223> Neuromedin cDNA

<400> 1
ctgttacccg ggaggagagc tcctcgcccg acctctaccc tcatgaagag aggctcagag   60
ttaccttagg cgagacttaa ccgaatcttc taaccgctgg tgtgtttttg ctgcacctcg   120
gaaaagctga gggagcaggc tttgccacca cccagacacc tttgtggctc cttggtgacc   180
agcccatccc cattggggac agctccccac acctccctga gggaccagcg actgcagggc   240
catccccgga tcctgcatgg gaggaattac cacccagtac tgtattaggg tgtgacgcag   300
agctcaaagg aggaacagtc caaagaaagg aagctgacct tccagtaga ccccatgtga   360
ggacgctgac actagcccag caccaagcac tgtatttgga ttttcttcca cgatcaatgg   420
caggatgccc ctatctttat caggagcccc tcctggctc aattcttctg tatgtaatgg   480
ggcagacaca acagcgtggc ttagattgtg cccaccagg gaaggtgctg aatggtgctg   540
aatgggaccc tgttgatggc cccatctgga tgtaaatcct gagctcaaat ctctataaaa   600
ccttgctctt tacatacaat gcctggtcct ctcctttcac ccgtctttta gggg   654

<210> 2
<211> 121
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)...(121)
<223> Neuromedin polypeptide

<400> 2
Met Ala Arg Arg Ala Gly Gly Ala Arg Met Phe Gly Ser Leu Leu Leu
1   5   10   15
Phe Ala Leu Leu Ala Ala Gly Val Ala Pro Leu Ser Trp Asp Leu Pro
                20   25   30
Glu Pro Arg Ser Arg Ala Ser Lys Ile Arg Val His Ser Arg Gly Asn
            35   40   45

```
Leu Trp Ala Thr Gly His Phe Met Gly Lys Lys Ser Leu Glu Pro Ser
    50              55              60
Ser Pro Ser Pro Leu Gly Thr Ala Pro His Thr Ser Leu Arg Asp Gln
65              70              75              80
Arg Leu Gln Leu Ser His Asp Leu Leu Gly Ile Leu Leu Leu Lys Lys
                85              90              95
Ala Leu Gly Val Ser Leu Ser Arg Pro Ala Pro Gln Ile Gln Tyr Arg
        100             105             110
Arg Leu Leu Val Gln Ile Leu Gln Lys
        115             120
```

```
<210> 3
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(18)
<223> Neuromedin forward PCR primer


<400> 3
tgcagtcgct ggtccctc                                                     18

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(20)
<223> Neuromedin reverse PCR primer


<400> 4
aggcgagact taaccgaatc                                                   20

<210> 5
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(17)
<223> Neuromedin mini-sequencing primer


<400> 5
cctcagggag gtgtggg                                                      17

<210> 6
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(19)
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<223> Neuromedin mRNA quantification forward primer


<400> 6
ttccagccca tccccattg

<210> 7
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(21)
<223> Neuromedin mRNA quantification reverse primer


<400> 7
caacagggaa gcaggaaata c                                              21

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(20)
<223> L27 mRNA quantification forward primer


<400> 8
gggcaagttc atgaaacctg                                                20

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(20)
<223> L27 mRNA quantification reverse primer


<400> 9
ccttgtgggc attaggtgat                                                20
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